

E WASTEWATER FLOW
MEASURED AS (check one)
☐ INFLUENT
☐ EFFLUENT

DATE GRAB OR COMPOSITE SAMPLE COLLECTED 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

WASTEWATER FLOW (MGD)
MAXIMUM 50047 50048 50050
MINIMUM 50047 50048 50050
RATE 50047 50048 50050
DAILY TOTAL 50047 50048 50050

A MONTHLY REPORT FOR Carolina Power & Light Company Southport CITY
Brunswick COUNTY **B** Albert H. Caylor NAME OF RESPONSIBLE OPERATOR IN CHARGE (Please Print)

C II
GRADE OF CERTIFICATE HELD
(If not certified, write NONE)

IF THE RESPONSIBLE OPERATOR IN CHARGE
HAS CHANGED SINCE THE PREVIOUS REPORT
PLEASE CHECK THIS BLOCK ☐

MAIL WHITE & PINK
COPIES TO RALEIGH

RETAIN YELLOW
COPY FOR FILES

DATE GRAB OR COMPOSITE SAMPLE COLLECTED	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
WASTEWATER FLOW (MGD)																										
PH																										
TEMPERATURE (°C)																										
SETTLABLE MATTER (ML/L)																										
RESIDUAL CHLORINE (MG/L)																										
BOODS, 20 °C (MG/L)																										
COD (MG/L)																										
NITROGEN AMMONIA (MG/L)																										
TOTAL RESIDUE (MG/L)																										
SUSPENDED RESIDUE (MG/L)																										
TOTAL PHOSPHOROUS (MG/L)																										
COIL & GREASE (MG/L)																										
LABORATORY EXTRACTION (MG/L)																										
FECAL COLIFORM (100 ML NTU)																										
TURBIDITY (NTU)																										
COPPER (MG/L)																										
TOTAL CHROMIUM (MG/L)																										
UNOXYGENED CHROMIUM (MG/L)																										
TOTAL NITROGEN (MG/L)																										

In accordance with the requirements of Part I.A.(1b) of NPDES Permit No. NC 0007064, notification is hereby provided concerning operational difficulties on Unit No. 1 with the continuous use of at least 2 cooling water pump bays equipped with fine mesh screens. As a result of discharge valve control logic problems with No. 1 D pump (No. 1B and No. 1D pump bays are equipped with fine mesh screens and were both in operation prior to the 1D pump problems), the No. 1A pump was placed in service on July 10, 1983, so that the No. 1D pump could be taken out of service for repair. Repairs required 31 hours and were completed on July 11, 1983, with No. 1D pump returning to service thereby restoring operation of 2 cooling water pump bays equipped with fine mesh screens.

MAIL MONTHLY MONITORING REPORT TO:
DIVISION OF ENVIRONMENTAL MANAGEMENT
C/O DEPT. NATURAL RESOURCES & COMM. DEVEL.
POST OFFICE BOX 27687
RALEIGH, NORTH CAROLINA 27611

N BRUNSWICK STEAM ELECTRIC PLANT
TREATMENT PLANT NAME, IF APPLICABLE

R CLASS OF FACILITY
DISCHARGE PERMIT NUMBER

NAME OF PERSON COLLECTING SAMPLES

CERTIFIED BY

*ENTER GEOMETRIC MEAN HERE DO NOT USE
AN ARITHMETIC MEAN

8308220228 830812
PDR ADDCK 05000324
PDR

NC 0007064
DISCHARGE PERMIT NUMBER